

Daily GLOWBUGS

Digest: V1 #90

via AB4EL Web Digests @ SunSITE

Purpose: building and operating vacuum tube-based QRP rigs

[AB4EL Ham Radio Homepage @ SunSITE](#)

%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%%

Subject: glowbugs V1 #90

glowbugs

Tuesday, August 12 1997

Volume 01 : Number 090

Date: Mon, 11 Aug 1997 09:03:20 -0700 (MST)

From: Jeff Duntemann <jeffd@coriolis.com>

Subject: Re: Mic element

At 01:53 PM 8/9/97 -0700, Richard Wilkerson wrote:

>Ok.. I need some help. I know nothing of Mic elements, what is the
>difference between a crystal and ceramic?? I have an old DX-40 which I
>would like to put a mic to and why not make one? Thanks.....rich

Good idea...and easy. I put a \$1 crystal mic element in a little plastic "project box" about the size of a Marlboro pack, added a PTT pushbutton and a cable, and I had a mic that still does wonders into both the Clegg 66er and the Ameco TX-62. From the standpoint of the radio there isn't much difference between a crystal and a ceramic element. They're both high-impedance. The real differences are between those and dynamic cartridges or (lord knows) carbon.

- --73--

- --Jeff Duntemann KG7JF
Scottsdale, Arizona

Date: Mon, 11 Aug 1997 14:53:15 -0400

From: Mel Evans <MelEvansGM6JAG@compuserve.com>

Subject: Newbie to list

Hi guys,

Just a note to let you know I've joined the list.

Currently running Racal RA17 for receive here, with a KW2000 in refurb, a=

nd
an HRO waiting in the wings.

Any KW guys out there with advice?

72 and 73 de Mel GM6JAG
Edinburgh Scotland UK
Home of the last HW9

G-QRP 1283, EA-QRP 88, ARRL, etc etc

Date: Tue, 12 Aug 1997 08:41:20 -0400
From: "Brian Carling" <bry@mnsinc.com>
Subject: Re: test

On 9 Aug 97 at 7:55, Robert M. Bratcher Jr. wrote:

> Seems both Glowbogs & the Collins list are both low traffic right now.
> I hardly hear from the free Boatanchors list at tempe.gov anymore.
> Less traffic than this list...

OK Bob, well, then let's revamp it.

I think that the problem is that NA4G and WS4S have both been on
Loooooong summer vacations, he he!

Anyone want to hear my VALIANT?? I should have it fired up this
weekend and blow away the contenders for 7050 (grin!)

Bry, AF4K

The bands are hot, the bottles they be a' glowin' brightly, an' the
regeneration be on the ragged edge! Grapples ye up yer tin cans atops
yer noggins, an' readys ye yer keys and yer
glowingspitzensparkenfirebottleetherburners at the fore!

*** 73 from Radio AF4K/G3XLQ Gaithersburg, MD USA *
** E-mail to: bry@mnsinc.com *
*** See the interesting ham radio resources at: *
** <http://www.mnsinc.com/bry/> *

AM International #1024, TENTEN #13582. GRID FM19
Rigs: Valiant, DX-60/HG-10, Eldico TR-75, Millen 90810
FT-840, TM-261, Ameco TX-62, Gonset Communicator III
HTX-202...TEN-TEN #13582, DXCC #17,763 Bicentennial WAS

Date: Tue, 12 Aug 1997 08:48:35 -0400
From: "Brian Carling" <bry@mnsinc.com>
Subject: Re: Newbie to list

I've got a Labgear 160 Twin... is that close enough? (grin)
Seroiusly though - there are a number of KW users on the
UK-VINATEG-RADIO list. Have you tried there?

Bry

On 11 Aug 97 at 14:53, Mel Evans wrote:

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> Hi guys,
>
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Date: Tue, 12 Aug 1997 08:48:34 -0400
From: "Brian Carling" <bry@mnsinc.com>
Subject: Re: Mic element

Hey Jeff!!!

You are the man I need to TALK WITH!!!

I just got an AMECO TX-62 (with manual)

It looks mint but someone rewired the OSC trying to make an FM rig
out of it (BOO!)

I may need help with this... will you answer questions if I get
stuck???

See you on 6m AM soon!

Bry

On 11 Aug 97 at 9:03, Jeff Duntemann wrote:

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>... a mic that still does wonders into both the Clegg 66er
> and the Ameco TX-62. From the standpoint of the radio there isn't much
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> difference between a crystal and a ceramic element. They're both
> high-impedence.
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> --Jeff Duntemann KG7JF
> Scottsdale, Arizona
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Date: Tue, 12 Aug 1997 08:48:32 -0400
From: "Brian Carling" <bry@mnsinc.com>
Subject: Re: Mic element

Well Rich, you know some DYNAMIC mikes sound really good
and there are nowadays a lot of electret mics that sound pretty
decent too. We will have to leave it to the experts to explain the
advantages & disadvantages of each for us.

Have you looked at recet ARRL Handbooks for information?

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regeneration be on the ragged edge! Grapples ye up yer tin cans atop
yer noggins, an readys ye yer keys and
glowingspitzensparkenfirebottleetherburners at the fore!

Bry

On 9 Aug 97 at 13:53, Richard Wilkerson wrote:

> Ok.. I need some help. I know nothing of Mic elements, what is the
> difference between a crystal and ceramic?? I have an old DX-40 which I
> would like to put a mic to and why not make one? Thanks.....rich
> --

> 72's / 73's..... Rich
> Rich Wilkerson, WD6FDD, Santee, Ca.
> NorCal, ARCI, ScQRPions, E.C.R.A.
> Boatanchors, ARCEC. AMI.
>
>

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Date: Tue, 12 Aug 1997 06:54:26 -0700 (PDT)
From: Dave Booth <booth@pactitle.com>
Subject: WTB 117xc for the swan 250

Hello all,

Clear the dust off the big boxes in the garage!

Does anyone have a swan 250 power supply.. it's the
117xc..

Also I need a high-impedence mike for the same..

While I'm at it anyone ave a good used pair of 6146's....

Thanks...

Dave Booth kc6wfs dm04rk

booth@pactitle.com

<http://www.geocities.com/Hollywood/5860/50am.html>

Date: Tue, 12 Aug 1997 17:30:06 -0400
From: JMcAulay <jmc@qnet.com>
Subject: Re: Mic element

In your recent posting Sat, 09 Aug 1997 13:53:43 -0700, you enquired:

>Ok.. I need some help. I know nothing of Mic elements, what is the
>difference between a crystal and ceramic?? I have an old DX-40 which I
>would like to put a mic to and why not make one? Thanks.....rich

Hi, Rich:

The ceramic element is much more durable. Other than that, they are pretty much interchangeable. Commercial crystal mic elements are made from Rochelle salt, which is water soluble; get some moisture in the thing and kiss it off. Ceramic elements, you might imagine, are unaffected by humidity. They're also generally more mechanically sturdy. Both are high-impedance. No reason to use a genuine crystal element nowadays unless you're a slave to tradition or just must have that exact replacement.

Hope this helps.

73

John WA6QPL

End of glowbugs V1 #90

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Created by **Steve Modena, AB4EL**
Comments and suggestions to **modena@SunSITE.unc.edu**
